

(U.S.)



Attorney Docket No.: SP00-148

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Antoniades, et al
Serial No.: 09/858,345
Filed: May 15, 2001
For: Optical Networking Devices, System,
And Methods For Networks With
Increased Transparency

**COMBINED
CERTIFICATE UNDER
37 C.F.R. § 3.73(b)
and
POWER OF ATTORNEY**

Assistant Commissioner for Patents
Washington, DC 20231

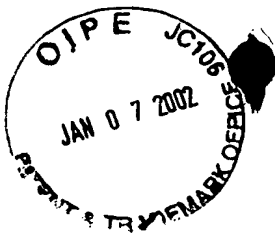
CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

CORNING INCORPORATED, a New York corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above. A true copy of the unrecorded Assignment is attached hereto.

The undersigned has reviewed the above referenced assignment of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



(U.S.)

Attorney Docket No.: SP00-148

POWER OF ATTORNEY BY ASSIGNEE

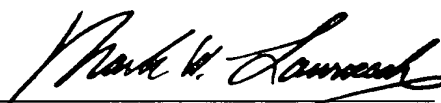
CORNING INCORPORATED, the assignee of the full and exclusive right, title and interest in and to the accompanying application for United States Letters Patent entitled **OPTICAL NETWORKING DEVICES, SYSTEM, AND METHODS FOR NETWORKS WITH INCREASED TRANSPARENCY** and executed by Neophytos A. Antoniadis, Aleksandra Boskovic, Eric L. Buckland, Douglas L. Butler, Ming-Jun Li, Thomas W. McNamara, David A. Pastel, Manish Sharma, Mark J. Soulliere, Michael J. Yadlowsky on September 4, 2001, September 4, 2001, October 10, 2001, September 25, 2001, September 25, 2000, November 7, 2001, September 25, 2001, September 4, 2001, September 25, 2001, September 25, 2001, respectively, appoints the practitioners associated with the Customer Number provided below (i.e., the practitioners associated with the Patent Department, Corning Incorporated) to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Please direct all correspondence to Gregory V. Bean at the address associated with that Customer Number.

Customer Number: 22928

CORNING INCORPORATED

Date: 9 November 2001

By


Mark W. Lauroesch
Assistant Secretary

Signed at Somerset, NJ, this

09/04/01
Date

Neophytos A. Antoniadis
Neophytos A. Antoniadis

09/04/01
Date

Aleksandra Boskovic
Aleksandra Boskovic

Sept 4th 2001
Date

Manish Sharma
Manish Sharma

State of New Jersey)

: ss.

County of Somerset)

On the 4th day of September 2001, before me personally came **Neophytos A. Antoniadis** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Alberta Walker
Notary Public ALBERTA WALKER
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 2/6/2003

State of New Jersey)

: ss.

County of Somerset)

On the 4th day of September 2001, before me personally came **Aleksandra Boskovic** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Alberta Walker
Notary Public ALBERTA WALKER
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 2/6/2003

State of New Jersey)

: ss.

County of Somerset)

On the 4th day of September 2001, before me personally came **Manish Sharma** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Alberta Walker
Notary Public ALBERTA WALKER
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 2/6/2003

Signed at Corning, NY, this

10/10/01
Date

Eric L. Buckland
Eric L. Buckland

25 Sept. 2001
Date

Douglas L. Butler
Douglas L. Butler

9/25/01
Date

Ming-Jun Li
Ming-Jun Li

11/7/01
Date

Thomas W. McNamara
Thomas W. McNamara

9/25/01
Date

David A. Patel
David A. Patel

9/25/2001
Date

Mark J. Souffiere
Mark J. Souffiere

State of New York)
: ss.
County of Steuben)

On the 10th day of October 2001, before me personally came **Eric L. Buckland** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

SUZANNE E. KICK
Notary Public, State of New York
Chemung County #4959587
Commission Expires 12/04/10
Suzanne E. Kick
Notary Public

State of New York)
: ss.
County of Steuben)

On the 25th day of September 2001, before me personally came **Douglas L. Butler** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Charlene Hevey
Notary Public

State of New York)
: ss.
County of Steuben)

CHARLENE HEVEY
Notary Public, State Of New York
No. 01HE6055884
Qualified In Steuben County
Commission Expires March 12, 20 03

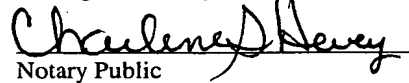
On the 25th day of September 2001, before me personally came **Ming-Jun Li** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Charlene Hevey
Notary Public

CHARLENE HEVEY
Notary Public, State Of New York
No. 01HE6055884
Qualified In Steuben County
Commission Expires March 12, 20 03

State of New York)
: ss.
County of Steuben)

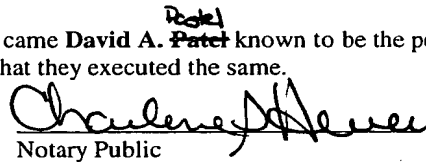
On the 7th day of November 2001, before me personally came **Thomas W. McNamara** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Notary Public

State of New York)
: ss.
County of Steuben)

CHARLENE HEVEY
Notary Public, State Of New York
No. 01HE6055884
Qualified In Steuben County
Commission Expires March 12, 20 03

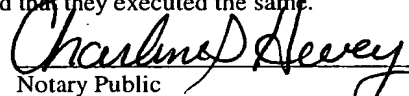
On the 25th day of September 2001, before me personally came **David A. Patel** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Notary Public

State of New York)
: ss.
County of Steuben)

CHARLENE HEVEY
Notary Public, State Of New York
No. 01HE6055884
Qualified In Steuben County
Commission Expires March 12, 20 03

On the 25th day of September 2001, before me personally came **Mark J. Soulliere** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.


Notary Public

CHARLENE HEVEY
Notary Public, State Of New York
No. 01HE6055884
Qualified In Steuben County
Commission Expires March 12, 20 03

Signed at Corning, NY, this

Date

9/25/01

Michael J. Yablowsky

State of New York)

: ss.

County of Steuben)

On the 25th day of September 2001, before me personally came **Michael J. Yablowsky** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Notary Public

CHARLENE HEVEY
Notary Public, State Of New York
No. 01HE6055884
Qualified In Steuben County
Commission Expires March 12, 2003